

Utah Monthly Communicable Disease Report

April 2017



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.

Current counts of selected reportable diseases,* compared to an historical 5-year average, April 2017

Disease/Condition	Apr 2017	5-yr Apr avg+	2017 YTD**	5-yr YTD avg+, **
Acinetobacter species resistant to carbapenems	8	U	21	U
Acute Flaccid Myelitis	0	U	0	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	1	0.0	1	0.0
Babesiosis	0	0.2	0	0.2
Botulism, total	0	0.8	1	2.0
foodborne	0	0.0	0	0.0
infant	0	0.8	1	2.0
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.2	0	0.4
Campylobacteriosis	36	29.4	144	111.8
Chickenpox	13	25.4	58	111.4
Chlamydia	764	686.4	3379	2787.6
Cholera	0	0.0	0	0.0
Coccidioidomycosis	4	3.2	16	15.6
Colorado tick fever	0	0.2	0	0.2
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.0	2	1.2
Cryptosporidiosis	14	7.4	34	31.4
Cyclosporiasis	1	0.4	3	0.6
Dengue	0	0.4	0	0.8
Ehrlichiosis/Anaplasmosis	0	0.2	0	0.2
Encephalitis	0	0.2	0	0.4
Enterobacter species resistant to carbapenems	4	U	20	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	3	U	7	U
Giardiasis	9	11.8	45	52.0
Gonorrhea	193	95.8	755	381.6
HIV infection	0	0.0	0	0.0
Haemophilus influenzae, all ages, invasive disease	5	4.4	24	13.8
nonserotype B, age < 5 years	1	0.0	3	0.4
serotype B, age < 5 years	0	0.0	0	0.0
unknown serotype, age < 5 years	0	0.0	4	0.8
Hansen's disease (Leprosy)	0	0.0	0	0.2
Hantavirus pulmonary syndrome	0	0.2	0	0.6
Hemolytic uremic syndrome, post-diarrheal	0	0.0	0	0.8
Hepatitis A	2	1.0	4	2.6
Hepatitis B, acute	1	0.2	4	2.2
Hepatitis B, chronic	26	23.0	107	97.4
Hepatitis C, acute	3	5.0	17	12.8
Hepatitis C, chronic	167	134.0	770	531.6
Hepatitis, other viral	0	0.0	0	0.2
Influenza-associated hospitalizations§	67	67.8	873	611.6
Influenza-associated pediatric mortality§	0	0.0	0	1.8
Klebsiella species resistant to carbapenems	1	U	6	U
Legionellosis	0	1.4	4	7.4
Leptospirosis	0	0.0	0	0.4
Listeriosis	0	0.0	0	0.8

*Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

**YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

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Lyme disease	0	0.4	1	2.0
Malaria	0	0.8	2	1.8
Measles	0	0.0	3	0.6
Meningitis, aseptic	3	3.0	10	12.8
Meningitis, bacterial, other	0	1.4	8	3.8
Meningitis, viral	1	2.8	2	6.8
Meningococcal disease (Neisseria meningitidis)	0	0.8	1	1.4
Mumps	1	0.0	26	0.6
Pertussis	21	95.8	97	305.8
Plague	0	0.0	0	0.0
Q fever	0	0.2	0	2.0
Rabies, animal	0	0.0	0	0.2
Relapsing fever, tick-borne and louse-borne	0	0.2	0	0.2
Rubella	0	0.0	0	0.2
Salmonellosis	24	31.8	97	100.0
Shiga toxin-producing Escherichia coli (STEC) infection	5	4.4	12	12.8
Shigellosis	3	2.6	12	12.2
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.4	0	1.2
Streptococcal disease, invasive, group A	4	10.4	17	47.6
Streptococcal disease, invasive, group B	7	8.0	20	32.6
Streptococcal disease, invasive, other	31	22.4	130	104.4
Streptococcus pneumoniae, invasive disease	17	18.0	75	88.8
age < 5 years	2	2.4	8	9.6
Syphilis, early (infection < 12 months)	1	6.4	32	31.2
primary & secondary	0	4.8	17	20.2
early latent	1	1.6	15	11.0
Syphilis, latent (infection > 12 months)	2	7.2	14	20.2
Toxic shock syndrome (staphylococcal or streptococcal)	0	3.0	6	9.6
Trichinellosis	0	0.0	0	0.0
Tuberculosis, active	1	2.8	1	8.8
Tularemia	0	0.0	0	0.2
Typhoid fever	0	0.4	0	0.6
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	1	0.4	2	0.6
West Nile virus, total	0	0.0	0	0.0
neuroinvasive disease	0	0.0	0	0.0
nonneuroinvasive disease	0	0.0	0	0.0
Zika Virus Disease	0	U	1	U

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